

6, Technical Data:**Specifications:****a, High Suction High-Flow**

Dial gauge reading: 0 to 760mmHg (0 to 100kpa)

b, Low Suction High-Flow

Dial gauge reading: 0 to 200mmHg (0 to 25kpa)

Fittings:**a,** British Standard direct probe.**b,** 9/16unf L/H screw fitting. (to remote couplings)**Weight/Dimensions:****S713/S714****a,** Weight

500g

b, Length

175mm

c, Width

75mm

d, Depth

143mm (with BS probe)

e, Depth

106mm (with 9/16unf fitting)

7, Test Specifications:**a,** Suction Controller vacuum source at = 500mmHg. (66.5kpa)

Outlet flow = 40Lpm.

Controller reading gain from = 0 to 450+mmHg.

b, Flow indications:

1, at - 100mmHg (13.3kpa) = 20Lpm.

2, at - 200mmHg (26.6kpa) = 30Lpm.

3, at - 300 to 400mmHg (39.9 to 59.8kpa) = 32Lpm.

4, Air evacuation of a 200ml Receiver Jar,

at - 500mmHg = 7 to 8 seconds.

Manufactured By:**Oxylitre Ltd.**

Morton House, Skerton Road.

Old Trafford, Manchester.

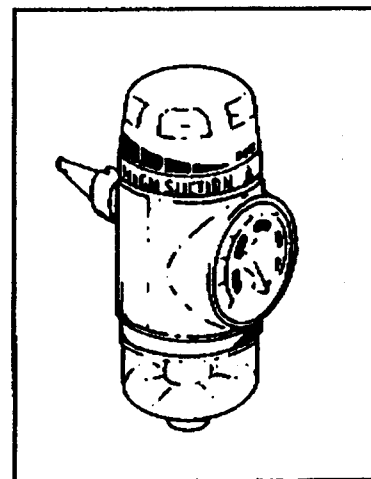
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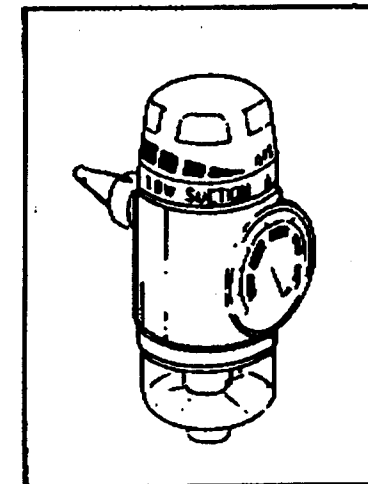
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Oxylitre Healthcare Equipment

S700 Series Medical Suction Controller, Operating & Safety Instructions.



Ref: S713



Ref: S714

1, Introduction:

The Oxytitre S700 series suction controllers are designed specifically for Medical use.

It is available in High Suction-High Flow or Low Suction-High Flow models with either direct or remote (rail or "V" male) fittings.

The Suction Controllers comply to ISO 10079-3 1992, BS7259 Pt 2 1993.

2, Specifications:

a, Vacuum Source Connector.

The S700 series suction controller is available with either a British Standard (BS5682) probe or a 9/16unf L/H fitting.

The 9/16unf L/H connection can be attached to various types of remote fittings i.e. Rail or "V" male mounted, with remote hose assy's.

b, Patient Inlet Connection.

The inlet connection is an integral part of a detachable filter cartridge, which is in fact a Disposable Hydrophobic Filtration Unit.

This filtration unit has been designed to prevent the ingress of fluids in to the controller and the pipeline system. (it is a multi-fit unit, designed to fit other manufacturers suction products)

Once the filter has been used for patient therapy or if wetted, for any reason, it must be changed. The unit has been designed so that a chemical coating on the filter membrane will prevent fluid passing through it, and may restrict the flow of suction once wetted.

c, Vacuum Gauge:

The controller is fitted with a easy to read, dual scale, colour coded gauge

Scale readings:

High Suction = 0 to 760mmHg (0 to 100kpa)

Low Suction = 0 to 200mmHg (0 to 25kpa)

d, Safety Valve:

The units are fitted with an internal safety valve system. This will protect the suction controller from being damaged in the event of the unit being connected to a positive pressure source.

3, Suction Control and Safety:

To Increase/Decrease Suction:

The control knob is graduated from a positive "OFF" to a maximum "MAX" vacuum position, within a approx two thirds rotation of the control knob.

This has a safety aspect of gaining instant suction at a controlled level for all emergency situations.

A further safety feature is that the vacuum source can be turned off immediately by turning the control knob to the OFF position. This will automatically drain off all the remaining suction source from the suction tubing and receiver jar.

Also unlike some units with the ON/OFF flag/switch system, when the controller is turned ON to the gradients, the suction will increase as slowly or as quickly as the user requires, and not at the point where it was last set, as with the flag type.

4, Maintenance:

A medical suction controller forms part of an essential life supporting system. All suction controllers must be treated with care and serviced on a regular basis (i.e. Preventative Maintenance to ensure the units reliability and quality conformance for the purpose that it is intended for.

Servicing should only be carried out by qualified technicians.

For service enquires and information please contact Oxytitre to arrange a quotation etc.

NEVER USE FAULTY EQUIPMENT.

Preventative maintenance ensures safety for the patient and user.

5, Replacement Filters:

Ref: S750 Per box of 30 units.